

1 I claim:

2 1. A quick release, detachable wheel hub assembly for rotating a wheel thereon, said  
3 wheel hub assembly comprising:

4 a detachable axle attachable to a frame;

5 an interior hub rotatably mounted on said detachable axle;

6 an exterior hub detachably interlockable with said interior hub and rotatable therewith,  
7 said wheel being mountable on said exterior hub for rotation therewith;

8 a pin insertable in said exterior hub, said interior hub, and said detachable axle, said pin  
9 being lockable within said exterior hub, said interior hub, and said detachable axle for holding  
10 said wheel hub assembly together, said pin also being quickly releasable to disassemble said  
11 wheel hub assembly.

12 2. The quick release, detachable wheel hub assembly as recited in Claim 7 wherein said  
13 detachable axle is tubular and further comprises:

14 an inner portion with an exteriorly threaded surface screwably attachable to said frame;

15 an outer portion adjacent said inner portion with a smooth exterior surface for mounting  
16 of and rotation thereon of said interior hub; and

17 a flanged portion between said inner portion and said outer portion for shouldering said  
18 interior hub when mounted on said detachable axle.

1        3.        The quick release, detachable wheel hub assembly as recited in Claim 8 wherein of said  
2 interior hub has at least one projection interlockable with at least one recess in said exterior  
3 hub.

4        4.        The quick release, detachable wheel hub assembly as recited in Claim 8  
5 wherein said exterior hub has at least one projection interlockable with at least one recess in  
6 said interior hub.

7        5.        The quick release, detachable wheel hub assembly as recited in Claims 9 or 10 wherein  
8 said frame is a wheelchair frame.

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